

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 2001334179  
PUBLICATION DATE : 04-12-01

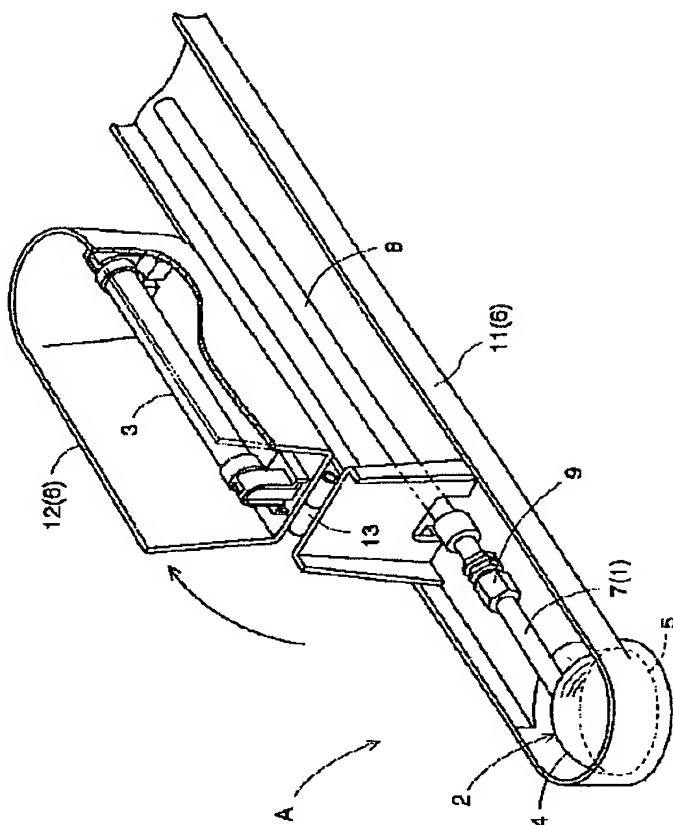
APPLICATION DATE : 29-05-00  
APPLICATION NUMBER : 2000157715

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INT.CL. : B05B 1/18 A47K 3/28 A61L 2/10  
C02F 1/32 E03C 1/10

TITLE : LIQUID DISCHARGE DEVICE



**ABSTRACT :** PROBLEM TO BE SOLVED: To provide a liquid discharge device capable of reducing the fear that bacteria propagate inside a faucet and preventing the efficiency of sterilization treatment from being lowered even in the case of forming an air retaining layer between the inside surface of ceiling and the liquid surface of liquid inside the faucet.

**SOLUTION:** The liquid discharge device is constituted so as to have a liquid supply flow passage and the faucet disposed at the tip part of the liquid supply flow passage, to equip an ultraviolet sterilization lamp to apply ultraviolet ray from the outside part upper side of the faucet toward the faucet, to form an ultraviolet ray transmitting part capable of transmitting the radiation ray from the ultraviolet sterilization lamp to the inside of the faucet, to discharge the liquid through an ultraviolet ray transmissive shower plate part disposed below the faucet and to enable to store the liquid inside the faucet at the time of stopping the discharge of the liquid by forming the shower plate from a perforated plate having many small holes, and the ultraviolet ray transmitting part is formed dome like to have an inside surface shape projecting upward.

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